

SYSTEM AND METHOD FOR AN ENHANCED GAMING DEVICE**Abstract of the Invention**

An enhanced mechanical gaming system (10) utilizes a touch panel (40) as a user control device for mechanical assemblies and game play features which provides users with the enhanced flexibility and interactivity of a video gaming device in a mechanical gaming device environment. The enhanced mechanical gaming system (10) includes a gaming machine assembly (20), a touch sensor assembly (30) incorporating a substantially transparent touch panel (40), a touch panel controller (50), and touch panel software (60). The gaming machine assembly is a standard gaming machine assembly that has been modified to utilize touch-panel components. The touch panel (40) and the sensor assembly (30) produce touch data when activated, and provide viewing of mechanical assemblies behind the touch panel (40). The touch panel controller (50) acts to control and interpret the touch panel (40). The touch panel software (60) controls and interprets the touch data, as well as applying the touch data to interactive applications of the gaming machine assembly (20).